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| U.S. Department of Commerce, Patent and Trademark Office | | Atty Docket No. | Serial No. |
| | | M-5648-1D US | 09/458,551 |
| O I P INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>OCT 31 2002 JC13</i> | | Applicant(s) | |
| (Use several sheets if necessary) | | Alexander Joffe et al. | |
| | | Filing Date | Group |
| | | December 9, 1999 | 2739 |

U.S. Patent Documents

| *Examiner Initial | | Document Number | Date | Name | Class | Subclass | Filing Date If Appropriate |
|-------------------|----|-----------------|------|------|-------|----------|----------------------------|
| | AA | | | | | | |
| | AB | | | | | | RECEIVED |
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| | AD | | | | | | |
| | AE | | | | | | Technology Center 2000 |
| | AF | | | | | | |
| | AG | | | | | | RECEIVED |
| | AH | | | | | | NOV 07 2002 |
| | AI | | | | | | |
| | AJ | | | | | | Technology Center 2100 |
| | AK | | | | | | |

Foreign Patent Documents

| | | Document | Date | Country | Class | Subclass | Translation |
|--|----|----------|------|---------|-------|----------|-------------|
| | AL | | | | | | |
| | AM | | | | | | |
| | AN | | | | | | |
| | AO | | | | | | |

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|-----------|----|---|
| <i>MB</i> | AP | Farrens M. K. et al.: "Strategies For Achieving Improved Processor Throughput", Computer Architecture News, Association For Computing Machinery, New York, US, vol. 19, no. 3, 1 May 1991 (1991-05-01), pages 362-369. |
| <i>MB</i> | AQ | Lee E. A. et al: "Pipeline Interleaved Programmable DSP's: Architecture", IEEE Transactions On Acoustics, Speech And Signal Processing, IEEE Inc. New York, US, vol. 35, no. 9, 1 September 1987 (1987-09-01), pages 1320-1333. |
| <i>MB</i> | AR | Nemirovsky M. D. et al.: "Disc: Dynamic Instruction Stream Computer", Proceedings Of The Annual International Symposium On Microarchitecture, XX, XX, 1991, pages 163-171. |

Examiner *Alexander Joffe et al.* Date Considered *2127104*

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.

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Sheet 1 of 1

| U.S. Department of Commerce, Patent and Trademark Office | | MAY 10 2000 | Docket No. | Serial No. | | | |
|--|-----------------|-------------------------|-------------------------------------|------------|-------------|-----|----|
| | | | M-5648-1D US | 09/458,551 | | | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | | Group 2700 | Applicant(s) | | | | |
| (Use several sheets if necessary) | | MAY 10 2000 | Joffe, Alexander; Vhshetsky, Dmitry | | | | |
| | | Group 2700 | Filing Date | Group | | | |
| | | | 12/09/1999 | 2739 | | | |
| U.S. Patent Documents | | | | | | | |
| *Examiner Initial | Document Number | Date | Name | Class | | | |
| MB | AA 5,261,062 | 11/09/1993 | Sato | 395 | | | |
| MB | AB 5,357,617 | 10/18/1994 | Davis et al. | 395 | | | |
| MG | AC 6,018,759 | 01/25/2000 | Doing et al. | 709 | | | |
| | AD | | | 375 | | | |
| | AE | | | | | | |
| | AF | | | | | | |
| | AG | | | | | | |
| | AH | | | | | | |
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| Foreign Patent Documents | | | | | | | |
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| | Document | Date | Country | Class | Subclass | Yes | No |
| | AL | | | | | | |
| | AM | | | | | | |
| | AN | | | | | | |
| | AO | | | | | | |
| | AP | | | | | | |
| OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
| | AQ | | | | | | |
| | AR | | | | | | |
| | AS | | | | | | |
| Examiner <i>Magill</i> <i>Barashkeri</i> | | Date Considered 2/27/04 | | | | | |
| <p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.</p> | | | | | | | |

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| U.S. Department of Commerce, Patent and Trademark Office | | Atty Docket No. | Serial No. |
| | | M-5648 1D US | Unassigned |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) | | Applicants | |
| | | Joffe et al. | |
| | | Filing Date | Group |
| | | Herewith | Unassigned |

U.S. Patent Documents

| *Examiner | Document | Date | Author | | | | Filing Date |
|-----------|--------------|----------|------------------|-----|------|-----|-------------|
| MB | AA 2,686,844 | 08/17/54 | Brewer | | | | |
| MB | AB 4,885,744 | 12/05/89 | Lespagnol et al. | 370 | 466 | PRO | |
| MB | AC 5,062,106 | 10/29/91 | Yamazaki | 270 | 417 | | |
| MB | AD 5,233,606 | 08/03/93 | Pashan et al. | 270 | 418 | | |
| MB | AE 5,311,509 | 05/10/94 | Heddes et al. | 370 | 397 | | |
| MB | AF 5,337,308 | 08/09/94 | Fan | 270 | 414 | | |
| MB | AG 5,457,687 | 10/10/95 | Newman | 370 | 85.3 | | |
| MB | AH 5,517,495 | 05/14/96 | Lund et al. | 370 | 60 | | |
| MB | AI 5,528,588 | 06/18/96 | Bennett et al. | 370 | 60 | | |
| MB | AJ 5,541,912 | 07/30/96 | Choudhury et al. | 370 | 17 | | |
| MB | AK 5,555,264 | 09/10/96 | Sallberg et al. | 370 | 17 | | |

Foreign Patent Documents

| | | Document | Date | Country | Class | Subclass | Translation |
|----|----|----------|----------|---------|-------|----------|-------------|
| | | | | | | | Yes |
| MB | AL | WO | 07/27/95 | PCT | | | |
| MB | AM | WO | 11/30/95 | PCT | | | |
| | AN | | | | | | |
| | AO | | | | | | |
| | AP | | | | | | |

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|----|----|--|
| MB | AQ | Allyn Romanow et al. "Dynamics of TCP Traffic Over ATM Networks" <u>IEEE Journal on Selected Areas in Communications</u> , Volume 13, Number 4, pp 633-641, May 1995 |
| MB | AR | Alan Demers et al. "Analysis and Simulation Of A Fair Queueing Algorithm" ©1989 ACM, pp 1-12. |
| MB | AS | "ATMS2003B Switch Controller 1 "White""", <u>MMC Networks</u> , December 1995, 32 pages. |

Examiner Maya Barakat Date Considered 2/27/04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your

| | | | |
|--|--|-----------------|------------|
| U.S. Department of Commerce, Patent and Trademark Office | | Atty Docket No. | Serial No. |
| | | M-564-1D U.S.8 | Unassigned |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) | | Applicants | |
| | | Joffe et al. | |
| | | Filing Date | Group |
| | | Unassigned | Unassigned |

| U.S. Patent Documents | | | | | | | |
|-----------------------|----|-----------|----------|-------------------|-----|--------|-----------------------------|
| *Examiner | | Document | | | | | Filing Date |
| MF | AA | 5,557,611 | 09/17/96 | Cappellari et al. | 270 | 414 | |
| MF | AB | 5,583,863 | 12/10/96 | Darr, Jr. et al. | 370 | 397 | |
| MF | AC | 5,592,476 | 01/07/97 | Calamvokis et al. | 270 | 413 | |
| MF | AD | 5,629,928 | 05/13/97 | Calvignac et al. | 370 | 237 | |
| MF | AE | 5,633,859 | 05/27/97 | Jain et al. | 370 | 234 | |
| MF | AF | 5,633,867 | 05/27/97 | Ben-Num et al. | 370 | 399 | 1C698458551 P70 09/19/99 |
| MF | AG | 5,689,508 | 11/18/97 | Lyles | 370 | 391 | |
| MF | AH | 5,704,047 | 12/30/97 | Schneeberger | 395 | 200.65 | |
| MF | AI | 5,715,250 | 02/03/98 | Watanabe | 370 | 395 | |
| MF | AJ | 5,719,853 | 02/17/98 | Ikeda | 370 | 229 | |
| MF | AK | 5,748,629 | 05/05/98 | Caldara et al. | 370 | 413 | |

Foreign Patent Documents

| | | | | | | | Translation | |
|--|----|----------|------|---------|-------|----------|-------------|----|
| | | Document | Date | Country | Class | Subclass | Yes | No |
| | AL | | | | | | | |
| | AM | | | | | | | |
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| | AO | | | | | | | |
| | AP | | | | | | | |

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|----|----|---|
| MF | AQ | Berald, R., et al: "SELECTIVE BECN SCHEMES FOR CONGESTION CONTROL OF ABR TRAFFIC IN ATM LAN", 1996 IEEE Int'l Conf. on Communications (ICC), Converging Technologies for Tomorrow's Applications, Dallas, June 23-27, 1996. pgs. 503-507. |
| MF | AR | Dutton, Harry, J.R. and Lenhard, Peter, "Asynchronous Transfer Mode (ATM) Technical Overview" (IBM, Prentice-Hall PTR, New Jersey, 1995), pp. 3-1 through 3- |
| MF | AS | Flanagan, William A., "ATM (Asynchronous Transfer Mode) User's Guide," (Flatiron Publishing, Inc. New York, 1994), pp. 25-49. |

Examiner *Kojit Banchali* Date Considered *2/27/04*

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your

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| U.S. Department of Commerce, Patent and Trademark Office | Atty Docket No. | Serial No. |
| | M-5648-1D U.S. | Unassigned |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | Applicants | |
| (Use several sheets if necessary) | Joffe et al. | |
| | Filing Date | Group |
| | Unassigned | Unassigned |

U.S. Patent Documents

| *Examiner | Document | | | | | | Filing Date |
|-----------|--------------|----------|-----------------|-----|-------|--|-------------|
| MM | AA 5,751,951 | 05/12/98 | Osborne et al. | 395 | 200.8 | | |
| MB | AB 5,809,024 | 09/15/98 | Ferguson et al. | 370 | 395 | | |
| | AC | | | | | | |
| | AD | | | | | | |
| | AE | | | | | | |
| | AF | | | | | | |
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Foreign Patent Documents

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| | AL | | | | | | | |
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| | AP | | | | | | | |

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|----|----|---|
| MM | AQ | Hongqing Li et al. "A Simulation Study of TCP Performance in ATM Networks With ABR and UBR Services" <u>Proceedings Vol. 3, 1996 IEEE Infocom '96, Fifteenth Annual Joint Conference of the IEEE Computer and Communications Societies, March 24-28, 1996, pp v-xvi and pp 1269-1276 (21 pages total including cover page).</u> |
| MB | AR | Hongqing, Li, et al.: "Performance of TCP Over UBR Service in ATM Networks With Per-VC Early Packet Discard Schemes" <u>Proceedings of the 1996 IEEE 15th Annual Int' Phoenix Conf. on Computers and Communication, Mar 27-29, 1996, pgs. 350-357.</u> |
| MB | AS | Ozveren, C., et al: "Reliable and Efficient Hop-By-Hop Flow Control", <u>Computer Communications Review, vol. 24, no. 4, 1 Oct. 1994, pgs. 89-100.</u> |

Examiner MB Date Considered 2/27/04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your

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| U.S. Department of Commerce, Patent and Trademark Office | Atty Docket No. | Serial No. |
| | M-5648-1D U.S. | Unassigned |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | Applicants | |
| (Use several sheets if necessary) | Joffe et al. | |
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U.S. Patent Documents

| *Examiner | | Document | | | | | Filing Date |
|-----------|----|----------|--|--|--|--|-------------|
| | AA | | | | | | |
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Foreign Patent Documents

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| | AL | | | | | | | | |
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| | AP | | | | | | | | |

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|----|----|---|
| MB | AQ | Tanenbaum, Andrew S., "Computer Networks" (Prentice Hall PTR, 3rd Ed., 1996) pp. 148-150. |
| | AR | |
| | AS | |

Examiner Lordi Banakulak Date Considered 2/27/04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your